

Form RE-07 REQUIREMENTS: State Rules

IOWA STATE RULES

(567 IAC chapters 20 - 30, *Air Quality*)

Some facilities and activities are subject to rules contained in 567 Iowa Administrative Code (IAC) chapters 20 - 30. Please read the rules to determine which apply to the facility or parts thereof. Enclosed with the application you will find a copy of the Iowa Air Quality rules. Review both this list and then the rules to determine whether the facility is subject to any requirements. A list of all requirements that the facility is subject to is required in Part 2, Section 2 of this form.

TABLE G
IOWA AIR QUALITY RULES - LIST

567 IAC	Title	Brief description (refer to Rule for full text of each rule)	Page of 567 IAC
20	Scope of title, definitions, forms, rules of practice		
20.1	<i>Scope of title.</i>	The construction and operation of any new or existing stationary source which emits or may emit any air pollutant requires a specific permit from the department, unless exempted by the department.	Ch 20, p. 1
20.2	<i>Definitions.</i>	Definitions for chapter 20.	Ch 20, p. 1
20.3	<i>Air quality forms generally.</i>	List of forms and where to get forms.	Ch 20, p. 5
21	Compliance		
21.1	<i>Compliance schedule</i>		Ch 21, p. 1
21.1(1)	<i>New equipment</i>	All new equipment and all new control equipment installed in this state shall perform in conformance with applicable emission standards specified in chapter 23.	Ch 21, p. 1
21.1(2)	<i>Existing equipment</i>	All existing equipment shall be operated in conformance with applicable emission standard specified in chapter 23.	Ch 21, p. 1
21.1(3)	<i>Emissions inventory</i>	Requirement to provide emissions related information if required by the director.	Ch 21, p. 1
21.1(5)	<i>Public availability of data</i>	Emission data and correlations will be available to the public.	Ch 21, p. 1
21.1(6)	<i>Maintenance of record</i>	Requirement for sources to maintain records on emissions if required by the director.	Ch 21, p. 1
21.2	<i>Variances</i>		Ch 22, p. 1
21.2(1)	<i>Application for variances</i>	Requirements for information in variance requests.	Ch 21, p. 1
21.2(2)	<i>Processing of applications</i>	Process for review of application for variance.	Ch 21, p. 2
21.2(3)	<i>Decision</i>	Conditions for granting and denying variances, limitations.	Ch 21, p. 2
21.3	<i>Emission reduction program</i>		
21.3(1)	<i>Content</i>	Requirements for the contents of an air contaminant emission reduction program submission.	Ch 21, p. 2
21.3(2)	<i>Action</i>	Conditions for granting and denying programs.	Ch 21, p. 2
21.3(3)	<i>Reports</i>	Requirement to submit progress reports	Ch 21, p. 3

567 IAC	Title	Brief description (refer to Rule for full text of each rule)	Page of 567 IAC
21.4	<i>Circumvention of rules</i>	No person shall build, erect, install or use any article, machine, equipment or other contrivance which, without resulting in a reduction in the total amount of air contaminants released to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation or these rules.	Ch 21, p. 3
22	Controlling Pollution		
22.1	<i>Permits required for new or existing stationary sources (Construction permits)</i>		Ch 22, p. 1
22.1(1)	<i>Permit required</i>	No person shall construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit or conditional permit or a permit required under 22.4 and 22.5.	Ch 22, p. 1
22.1(2)	<i>Exemptions</i>	List of emission units exempted from construction permitting.	Ch 22, p. 1
22.1(3)	<i>Construction permits</i>	Permit required for new or modified stationary sources. Content of construction permit.	Ch 22, p. 1
22.1(4)	<i>Conditional permits</i>	Option to apply for a conditional permit. Requirement for electric power generating facilities with a total capacity of ≥ 100 Megawatts to apply for a conditional permit.	Ch 22, p. 3
22.2	<i>Processing permit applications</i>		Ch 22, p. 3
22.2(1)	<i>Incomplete applications</i>	Procedure for notifying applicant that a permit is incomplete. Denial of incomplete applications.	Ch 22, p. 3
22.2(2)	<i>Public notice and participation</i>	Notice of intent to issue certain permits. Public comment.	Ch 22, p. 3
22.2(3)	<i>Final notice</i>	Notice of decision on permit issuance or denial.	Ch 22, p. 3
22.3	<i>Issuing permits</i>		Ch 22, p. 4
22.3(1)	<i>Stationary sources other than anaerobic lagoons</i>	In no case shall a construction permit which results in an increase in emissions be issued to any facility which is in violation of any condition found in a permit involving PSD, NSPS, NESHAP or a provision of the Iowa state implementation plan. Conditions for issuance of permit.	Ch 22, p. 4
22.3(2)	<i>Anaerobic lagoons</i>	Permit issuance subject to criteria in subrule 23.5(1) or 23.5(2).	Ch 22, p. 4
22.3(3)	<i>Conditions of approval</i>	Permit content: emissions limits, operating conditions, fuel specifications, compliance testing, continuous monitoring and excess emissions reports. Other requirements.	Ch 22, p. 4
22.3(4)	<i>Denial of a permit</i>	Notification of denial.	Ch 22, p. 4
22.3(5)	<i>Modification of a permit</i>	Modification of existing permits if necessary to attain or maintain an ambient air quality standard.	Ch 22, p. 4
22.4	<i>Special requirements for major stationary sources located in areas designated attainment or unclassified (PSD)</i>		Ch 22, p. 4a
22.5	<i>Special requirements for nonattainment areas</i>		Ch 22, p. 4b
22.5(1)	<i>Definitions</i>	Additional definitions.	Ch 22, p. 4b
22.5(2)	<i>Emission offset applicability</i>	Requirements for emission offsets.	Ch 22, p. 8
22.5(3)	<i>Emission offsets</i>	Requirement for proposal for offsets.	Ch 22, p. 9

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22.5(4)	<i>Acceptable emission offsets</i>	Requirements for offsets.	Ch 22, p. 9
22.5(5)	<i>Banking of offsets in nonattainment areas</i>	Establishment and limits of banking emission offsets.	Ch 22, p. 10
22.5(7)	<i>Compliance of existing sources</i>	Requirement for compliance.	Ch 22, p. 11
22.5(8)	<i>Alternate site analysis</i>	Alternative site analysis required for carbon monoxide sources.	Ch 22, p. 11
22.6	<i>Nonattainment area designations</i>	Reference to location of list of nonattainment areas.	Ch 22, p. 11
22.7	<i>Alternative emission control program</i>	Provisions allowing application for alternative emission limits in attainment areas.	Ch 22, p. 11
22.100	<i>Definitions for Title V operating permits</i>	Definitions for the purposes of 22.100 to 22.116.	Ch 22, p. 12
22.101	<i>Applicability of Title V operating permit requirements</i>		Ch 22, p. 23
22.102	<i>Insignificant activities excluded from Title V operating permit application</i>		Ch 22, p. 23
22.103	<i>Insignificant activities which must be included in Title V operating permit application.</i>		Ch 22, p. 24
22.103(1)	<i>"a" Insignificant activities - potential emissions of each emission unit. "b" Storage tanks not containing VOCs above 0.75 pounds/in². "c" Exemptions because of size or production rate must be listed.</i>		Ch 22, p. 24
22.103(2)	<i>Total amount of plantwide potential emissions that may be listed as insignificant activities - if they do not exceed the listed amount and if not needed to determine or to impose any applicable requirement.</i>		Ch 22, p. 25
22.103(3)	<i>Prohibits applications for Title V operating permit from omitting information needed to determine the applicability of, or to impose, any applicable requirement or to evaluate the fee amount requirement in 22.106.</i>		Ch 22, p. 25
22.104	<i>Requirement to have a Title V permit</i>		Ch 22, p. 25
22.105	<i>Title V permit applications</i>		Ch 22, p. 25
22.105(1)	<i>Duty to apply</i>	Requirement for sources subject to Title V to submit 4 copies of a complete and timely permit application and appropriate fee.	Ch 22, p. 25
22.105(2)	<i>Standard application form and required information.</i>		Ch 22, p. 26
22.106	<i>Title V permit fees</i>	Fee amount, fee cap, date due, Phase I (Acid Rain) exemptions, portable sources.	Ch 22, p. 28
22.107	<i>Title V permit processing procedures</i>		Ch 22, p. 28
22.107(1)	<i>Action on application</i>	Conditions for issuance of permit	Ch 22, p. 28
22.107(2)	<i>Confidential information</i>	Requirement for source to submit a copy of application directly to EPA. Compliance with 567 IAC 2.	Ch 22, p. 30
22.107(3)	<i>Duty to supplement or correct information</i>	Requirement to provide additional information as necessary to address any requirements that become applicable after the source has filed a complete application but prior to release of draft permit. MACT determinations evaluated for initial complete application.	Ch 22, p. 30
22.107(4)	<i>Certification of truth, accuracy and completeness</i>	Certification required for all submissions related to permit application.	Ch 22, p. 30
22.107(5)	<i>Hazardous air pollutant early reduction procedure</i>		Ch 22, p. 30
22.107(6)	<i>Public notice and public participation</i>	Requirement for public notice and opportunity to comment on permits.	Ch 22, p. 30

567 IAC	Title	Brief description (refer to Rule for full text of each rule)	Page of 567 IAC
22.107(7)	<i>Permit review by EPA and affected states</i>	EPA will receive a copy of permit applications, supplemental information and final permits. EPA objections considered. DNR will provide notice of draft permit to affected states.	Ch 22, p. 31
22.107(8)	<i>Public petitions to EPA</i>	Procedures for petitioning EPA.	Ch 22, p. 31
22.107(9)	<i>Denial of Title V permit application</i>	Conditions for denial	Ch 22, p. 32
22.108	<i>Permit content</i>		Ch 22, p. 32
22.108(1)	<i>Enforceable emission limitations and standards</i>		Ch 22, p. 32
22.108(2)	<i>Permit duration</i>	Permit duration not to exceed 5 years.	Ch 22, p. 32
22.108(3)	<i>Monitoring</i>	Permit requirements with respect to monitoring.	Ch 22, p. 32
22.108(4)	<i>Record keeping</i>	Incorporation of all applicable record-keeping requirements.	Ch 22, p. 33
22.108(5)	<i>Reporting</i>	Incorporation of all applicable reporting requirements.	Ch 22, p. 33
22.108(6)	<i>Risk management plan</i>	As required in 112(r) of the Act the permit shall state the requirement for submission of the plan to the appropriate authorities.	Ch 22, p. 33
22.108(7)	<i>Title IV emissions</i>	Permit condition prohibiting emissions exceeding any allowance.	Ch 22, p. 33
22.108(8)	<i>Severability clause</i>	A severability clause will be included in the permit.	Ch 22, p. 34
22.108(9)	<i>Other provisions</i>	Requirement to comply with permit. Need to halt or reduce activity not a defense. Permit modification, revocation, reissuance, termination. Permit does not convey a property right. Permittee required to submit information.	Ch 22, p. 34
22.108(10)	<i>Fees</i>	Permit provision to ensure fee submission.	Ch 22, p. 34
22.108(11)	<i>Emissions trading</i>		Ch 22, p. 34
22.108(12)	<i>Operating scenarios</i>	Record of operating scenario by permittee.	Ch 22, p. 34
22.108(13)	<i>Terms and conditions for trading emissions increases and decreases</i>		Ch 22, p. 34
22.108(14)	<i>Federally enforceable requirements</i>	Enforceability of permit terms and conditions.	Ch 22, p. 35
22.108(15)	<i>Compliance requirements</i>	Permit content with respect to compliance.	Ch 22, p. 35
22.108(16)	<i>Emergency provisions</i>		Ch 22, p. 36
22.108(17)	<i>Permit reopenings</i>		Ch 22, p. 36
22.108(18)	<i>Permit shield</i>		Ch 22, p. 36
22.109	<i>General Permits</i>		Ch 22, p. 37
22.110	<i>Changes allowed without a Title V permit revision</i>		Ch 22, p. 38
22.111	<i>Administrative amendments to Title V permits</i>		Ch 22, p. 39
22.112	<i>Minor Title V permit modifications</i>		Ch 22, p. 40
22.113	<i>Significant Title V permit modifications</i>		Ch 22, p. 41
22.114	<i>Title V permit reopenings</i>		Ch 22, p. 41
22.115	<i>Suspension, termination, and revocation of Title V permits</i>		Ch 22, p. 42
22.116	<i>Title V permit renewals</i>		Ch 22, p. 42

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22.120	<i>Acid rain program definitions</i>	Definitions for the purposes of 22.120 - 22.147.	Ch 22, p. 42
22.121	<i>Measurements, abbreviations and acronyms</i>		Ch 22, p. 50
22.122	<i>Applicability</i>	Definition of sources subject to the Acid Rain program.	Ch 22, p. 50
22.123	<i>New units exemption</i>		Ch 22, p. 52
22.124	<i>Retired units exemption</i>		Ch 22, p. 53
22.125	<i>Standard requirements</i>		Ch 22, p. 55
22.125(1)	<i>Permit requirements</i>	Requirements for the designated representative to submit a complete acid rain permit application in accordance with deadlines specified in 22.128. Requirement to submit supplemental information. Requirement to operate in compliance with a complete acid rain permit application or a superseding acid rain permit issued by DNR.	Ch 22, p. 55
22.125(2)	<i>Monitoring requirements</i>	Requirement to comply with monitoring requirements.	Ch 22, p. 55
22.125(3)	<i>Sulfur dioxide requirements</i>		Ch 22, p. 55
22.125(4)	<i>Nitrogen oxides requirements</i>	Requirement to comply with applicable acid rain emissions limitation for nitrogen oxides.	Ch 22, p. 56
22.125(5)	<i>Excess emissions requirements</i>		Ch 22, p. 56
22.125(6)	<i>Record-keeping and reporting requirements</i>		Ch 22, p. 56
22.125(7)	<i>Liability</i>	Violation of requirements, permit applications, permits, etc.	Ch 22, p. 56
22.125(8)	<i>Effect on other authorities</i>		Ch 22, p. 57
22.126	<i>Designated representative - submissions</i>		Ch 22, p. 57
22.127	<i>Designated representative - objections</i>		Ch 22, p. 58
22.128	<i>Acid rain applications - requirement to apply</i>		Ch 22, p. 58
22.129	<i>Information requirements for acid rain permit applications</i>		Ch 22, p. 59
22.130	<i>Acid rain permit application shield and binding effect of permit application</i>		Ch 22, p. 59
22.131	<i>Acid rain compliance plan and compliance options - general</i>		Ch 22, p. 60
22.132	<i>Repowering extensions</i>		Ch 22, p. 61
22.133	<i>Acid rain permit contents - general</i>		Ch 22, p. 63
22.134	<i>Acid rain permit shield</i>		Ch 22, p. 64
22.135	<i>Acid rain permit issuance procedures - general</i>		Ch 22, p. 64
22.136	<i>Acid rain permit issuance procedures - completeness</i>		Ch 22, p. 64
22.137	<i>Acid rain permit issuance procedures - statement of basis</i>		Ch 22, p. 64
22.138	<i>Issuance of acid rain permits</i>		Ch 22, p. 64
22.139	<i>Acid rain permit appeal procedures</i>		Ch 22, p. 65
22.140	<i>Permit revisions - general</i>		Ch 22, p. 66
22.141	<i>Permit modifications</i>		Ch 22, p. 66
22.142	<i>Fast-track modifications</i>		Ch 22, p. 66
22.143	<i>Administrative permit amendment</i>		Ch 22, p. 67
22.144	<i>Automatic permit amendment</i>		Ch 22, p. 68

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22.145	<i>Permit reopenings</i>		Ch 22, p. 68
22.146	<i>Compliance certification - annual report</i>		Ch 22, p. 68
22.147	<i>Compliance certification - units with repowering extension plans</i>		Ch 22, p. 68
23	Emission standards for contaminants		
23.1	<i>Emission standards</i>		Ch 23, p. 1
23.1(1)	<i>In general</i>	New Source Performance Emission Standards and National Emission Standards for Hazardous Air Pollutants shall be complied with in accord with 567 IAC 21	Ch 23, p. 1
23.1(2)	<i>New source performance standards (NSPS)</i>	Also see Part 2, Form RE-03 NSPS, Table E (this application)	Ch 23, p. 1
23.1(3)	<i>Emission standards for hazardous air pollutants (NSPS)</i>	Also see Part 2, Form RE-01 NESHAP, Tables A & B; and Form RE-02 NESHAP, Table D (this application)	Ch 23, p. 4a
23.2	<i>Open burning</i>		Ch 23, p. 5
23.3	<i>Specific contaminants</i>		Ch 23, p. 6
23.3(1)	<i>General</i>	Emission standards contained in this rule apply to each source operation unless a specific emission standard for the process involved is prescribed elsewhere in this chapter, in which case the specific standard shall apply.	Ch 23, p. 6
23.3(2)	<i>Particulate matter</i>	Prohibits the emission of particulate matter from any source in excess of emission standards specified in this chapter, except as provided in chapter 24. Establishes particulate emission limits.	Ch 23, p. 6
23.3(3)	<i>Sulfur compounds</i>	Applies to any installation from which sulfur compounds are emitted into the atmosphere. Establishes sulfur compound emission limits.	Ch 23, p. 10
23.4	<i>Specific processes</i>		Ch 23, p. 11
23.4(1)	<i>General</i>	Establishes applicability and exceptions.	Ch 23, p. 11
23.4(2)	<i>Asphalt batching plants</i>	Particulate emission standard established.	Ch 23, p. 12
23.4(3)	<i>Cement kilns</i>	Control devices required to reduce particulate matter emissions. Particulate emission standard established.	Ch 23, p. 12
23.4(4)	<i>Cupolas for metallurgical melting</i>	Particulate emission standard established.	Ch 23, p. 12
23.4(5)	<i>Electric furnaces for metallurgical melting</i>	Particulate emission standard established.	Ch 23, p. 12
23.4(6)	<i>Sand handling and surface finishing operations in metal processing</i>	Facility type and applicability defined. Particulate emission standard established.	Ch 23, p. 12
23.4(7)	<i>Grain handling and processing plants</i>	Applicability defined. Particulate emission standard established.	Ch 23, p. 12
23.4(8)	<i>Lime kilns</i>	Applicability defined. Particulate emission standard established.	Ch 23, p. 13
23.4(9)	<i>Meat smokehouses</i>	Applicability defined. Particulate emission standard established.	Ch 23, p. 13

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23.4(10)	<i>Phosphate processing plants</i>	Includes Phosphoric acid manufacture, Diammonium phosphate manufacture, Nitrophosphate manufacture, phosphate ore, rock, or other phosphatic materia processing. Fluoride emission standards established.	Ch 23, p. 13
23.4(11)	<i>Portland cement concrete batching plants</i>	Particulate emission standard established.	Ch 23, p. 13
23.4(12)	<i>Incinerators</i>	Particulate emission standard established. Visible emission standard established.	Ch 23, p. 13
23.4(13)	<i>Painting and surface coating operations</i>	Particulate emission standard established.	Ch 23, p. 14
23.5	<i>Anaerobic lagoons</i>		Ch 23, p. 14
23.6	<i>Alternative emission limits (the "bubble concept")</i>		Ch 23, p. 16
24	Excess emission		
24.1	<i>Excess emission reporting</i>		Ch 24, p. 1
24.1(1)	<i>Excess emission during periods of startup, shutdown, or cleaning of control equipment.</i>		Ch 24, p. 1
24.1(2)	<i>Oral report of excess emissions</i>		Ch 24, p. 1
24.1(3)	<i>Written report of excess emission</i>		Ch 24, p. 1
24.1(4)	<i>Excess emissions</i>	Establishes that excess emissions are violations. Requirements.	Ch 24, p. 1
24.2	<i>Maintenance and repair requirements</i>		Ch 24, p. 2
25	Measurement of emissions		
25.1	<i>Testing and sampling of new and existing equipment</i>		Ch 25, p. 1
26	Prevention of air pollution emergency episodes		
26.1	<i>General</i>	Prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons	Ch 26, p. 1
27	Certificate of acceptance	Establishes local air pollution control program delegation procedures	
28	Ambient air quality standards		
28.1	<i>Statewide standards</i>	Establishes that the Iowa ambient air quality standards shall be the National Primary and Secondary Ambient Air Quality Standards.	Ch 28, p. 1
29	Qualification in visual determination of the opacity of emissions		
30	Temporary air toxics fee		
30.1	<i>Authority, purpose and applicability</i>		Ch 30, p. 1
30.2	<i>Fee schedule</i>		Ch 30, p. 3
30.3	<i>Form, manner, time and place of filing</i>		Ch 30, p. 3
30.4	<i>Reports and record keeping</i>		Ch 30, p. 3
30.5	<i>Failure to pay fees</i>		Ch 30, p. 3

RETURN TO FORM RE-00 REQUIREMENTS REVIEW.